COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that this declaration is for an original application. My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

Hybridization Buffers Using Low Molecular Weight Dextran Sulfate and Methods for Their Use The specification is attached hereto.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)

REGISTRATION NUMBER(S)

Huw R. Jones

33,916

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:

Huw R. Jones, Director, Intellectual Property 3865 N. Business Center Drive

Huw R. Jones 520-408-6350

Tucson, AZ 85705

Customer Number 23874

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(8)

Joseph Utermohlen

Inventor's signature

Date 31 - 26 - 0)

Residence Tucson, AZ

Post Office Address

Country of Citizenship United States

5357-East 19th Street, Tucson, AZ 85711

Catherine Wolf

Inventor's signature

Date 1/26/01

Country of Citizenship France

Residence | Eckbolsheim France

Post Office Address

16, rue du General Leclerc, Eckbolsheim France

Kimberly Christensen

Inventor's signature

Date 1/34/0/

Country of Citizenship United States

Residence / Tucson, AZ

Post Office Address 574

5742 East Waverly, Tucson, AZ 85712

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments Commissioner of Patents and Trademarks Washington, D.C. 20231

ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. Section 3.31)

Attached please find an assignment (document) for recordal.

IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S) FOR ASSIGNMENT (DOCUMENT) RECORDAL (37 C.F.R. Section 3.21 and 37 C.F.R. Section 3.31(a)(4))

- 1. This assignment is for the following patent application and/or issued patent:
 - a. National application: SN: 09/772,123, filed on January 29, 2001
 - b. International application: PCT/US02/02642, filed on January 29, 2002

TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS AND TOTAL FEE

- 2. A. The total number of applications and/or patents identified in this cover sheet is: 2.
 - B. The total fee is (37 C.F.R. Section 1.21(h)):

 $2 \times $40.00 = 80.00

C. Please charge Account 50-0861 the sum of \$80.00. A duplicate of this cover sheet is attached.

Please charge Account 50-0861 for any fee deficiency or credit to account any overpayment.

NAME OF PARTIES CONVEYING INTEREST (37 C.F.R. Section 3.31(a)(1))

3. The parties conveying interest are:

Joseph Utermohlen Catherine Wolf Kimberly Christensen

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST (37 C.F.R. Section 3.31 (a)(2))

4. The rights are being conveyed to:

Ventana Medical Systems, Inc. 1910 Innovation Park Drive Tucson, AZ 85737

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED (37 C.F.R. Section 3.31(a)(3))

5. The accompanying document intends to accomplish an assignment.

NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE SHOULD BE MAILED (37 C.F.R. Section 3.31 (a)(5))

6. Please address correspondence to:

Name:

Huw R. Jones

Address:

Ventana Medical Systems, Inc.

1910 Innovation Park Drive

Tucson, AZ 85737

Telephone No.:

520-229-3821

Fax No.:

520-229-4216

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. Section 3.31(a)(7))

7.

The attached assignment (document) was executed by Joseph Utermohlen on February 11, 2003. The attached assignment (document) was executed by Kimberly Christensen on February 10, 2003. The attached assignment (document) was executed by Catherine Wolf on February 11, 2003.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

8. The attached document is in the English language.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

9. Submitted herewith is the original document.

STATEMENT (37 C.F.R. Section 3.31(a)(9)) AND SIGNATURE (37 C.F.R. Section 3.31(a)(10))

10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: April 22, 2003

Huw R. Jones

Registration No. 33916

Ventana Medical Systems, Inc. 1910 Innovation Park Drive

Tucson, AZ 85737

Tel. No. 520-229-3821

Fax No. 520-229-4216

Customer No. 23874

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, including documents are: 6

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Joseph G. Utermohlen 5357 East 19th Street Tucson, AZ 85711, US Nationality: United States

hereby sells, assigns and transfers to

ASSIGNEE:

Ventana Medical Systems, Inc. 1910 Innovation Park Drive Tucson, AZ 85737

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Hybridization Buffers Using Low Molecular Weight Dextran Sulfate and Methods for Their Use

U.S. Serial No. 09/772,123, filed January 29, 2001 International Application Serial No. PCT/US02/02642, filed January 29, 2002

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this Lot day of

Signature of Joseph Utermohlen

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Kimberly Christensen 5742 East Waverly Tucson, AZ 85717 US Nationality: United States

hereby sells, assigns and transfers to

ASSIGNEE:

Ventana Medical Systems, Inc. 1910 Innovation Park Drive Tucson, AZ 85737

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Hybridization Buffers Using Low Molecular Weight Dextran Sulfate and Methods for Their Use

U.S. Serial No. 09/772,123, filed January 29, 2001 International Application Serial No. PCT/US02/02642, filed January 29, 2002

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 10th day of February, 2003.

Signature of Kimberly Christensen

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Catherine Wolf
16, rue du General Leclerc
67201 ECKBOLSHEIM
France
Nationality: French

hereby sells, assigns and transfers to

ASSIGNEE:

Ventana Medical Systems, Inc. 1910 Innovation Park Drive Tucson, AZ 85737

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Hybridization Buffers Using Low Molecular Weight Dextran Sulfate and Methods for Their Use

U.S. Serial No. 09/772,123, filed January 29, 2001 International Application Serial No. PCT/US02/02642, filed January 29, 2002

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this _____ day of February 2003

Signature of Catherine Wolf